

**Jordan Litman, Ph.D.**

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Scopus Author ID: <http://www.scopus.com/authid/detail.url?authorId=6602730270>

Scientific Impact:  $h=14$ ;  $g=20$  (WoS);  $h=14$ ;  $g=23$  (Scopus); approx. 95<sup>th</sup> percentile for career stage

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**Major Interests and Areas of Expertise**

Epistemic curiosity and its relationship to knowledge-seeking and problem-solving behavior  
Health, stress & coping, and tendencies to seek or avoid information relevant to coping  
Interactions between personality, memory, emotion and motivation in self-directed learning  
Psychometrics, quasi-experimental design, factor analysis, path analysis, and SEM

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**Education**

August, 2000      Ph.D., Experimental Psychology, University of South Florida, Tampa, FL  
July, 1998        M.A., Experimental Psychology, University of South Florida, Tampa, FL  
July, 1994        B.A., Psychology, Arcadia University, Glenside, PA

**Appointments and Affiliations**

**Research**

2017 - present    Research Fellow, Center for Curiosity, New York, NY.  
2013 - present    Visiting Research Scientist, Institute for Human and Machine Cognition, Ocala, FL  
2002 - 2013       Research Associate, Center for Research in Behavioral Medicine and Health  
                         Psychology, University of South Florida, Tampa, FL

**Faculty**

2015 - present    Associate Professor of Psychology (part-time), University of Maine at Machias,  
                         Machias, ME (Online)  
2003 - 2015       Assistant Professor (part-time), University of Maine, Machias, ME (Online)  
2013 - present    Adjunct faculty, University of North Florida, Jacksonville, FL (Online)  
2003 - present    Adjunct Assistant Professor, Saint Leo, University, Saint Leo, FL (Online)  
2000 - 2002       Visiting Assistant Professor, University of South Florida, Tampa, FL (Lecture)  
1996 – 2000       Graduate Teaching Assistant, University of South Florida, Tampa, FL (Lecture)

**Publications**

**Journal Articles**

Litman, J. A., Robinson, O. C., & Demetre, J. (2017). Intrapersonal curiosity: Inquisitiveness about the inner self. *Self and Identity*, 16, 231-250.

Robinson, O. C., Demetre, J., & Litman, J. A. (2017). Adult life stage and crisis as predictors of curiosity and authenticity: Testing inferences from Erikson's lifespan theory. *International Journal of Behavioral Development*, 41, 426-431.

Lauriola, M., Litman, J. A., Mussel, P., De Santis, R., Crowson, H.M., & Hoffman, R.R. (2015). Epistemic curiosity and self-regulation. *Personality and Individual Differences*, 83, 202-207.

Piotrowski, J.T., Litman, J. A., & Valkenburg, P. (2014). Measuring epistemic curiosity in young children. *Infant and Child Development*, 23, 542-533.

### Journal Articles (continued)

- Han, C., Li, P., Warren, C., Feng, T., Litman, J., & Li, H. (2013). Electrophysiological evidence for the importance of interpersonal curiosity. *Brain Research*, *15*, 45-54.
- Litman, J. A. & Mussel, P. (2013). Development and validation of German translations of interest- and deprivation-type epistemic curiosity scales. *Journal of Individual Differences*, *34*, 59-68.
- Richards, J.B., Litman, J. A., & Roberts D.H. (2013). Performance characteristics of measurement instruments of epistemic curiosity in third-year medical students. *Medical Science Educator*, *23*, 355-363
- Mussel, P., Spengler, M., Litman, J. A., & Schuler, H. (2012). Development and validation of the German work-related curiosity scale. *European Journal of Psychological Assessment*, *28*, 109-117.
- Litman, J.A. (2010). Relationships between measures of I- and D-type curiosity, ambiguity tolerance, and need for closure: An initial test of the wanting-liking model of information-seeking. *Personality and Individual Differences*, *48*, 397-402.
- Litman, J.A., Crowson, H. M., & Kolinski, K. (2010). Validity of the interest- and deprivation-type epistemic curiosity distinction in non-students. *Personality and Individual Differences*, *49*, 531–536.
- Litman, J.A. & Lunsford, G.D. (2010). Incurious motives to seek information about potential threats. *European Journal of Personality*, *24*, 1–17.
- Litman, J. A., Huang, C., & Chang, H. (2009). The development of a Chinese version of the Attitudes Towards Gossip Scale. *Journal of Psychology in Chinese Societies*, *10*, 131–150.
- Litman, J. A., & Lunsford, G. D. (2009). Frequency of use and impact of coping strategies assessed by the COPE inventory and their relationships to post-event health and well-being. *Journal of Health Psychology*, *14*, 1-10.
- Litman, J.A. (2008). Interest and deprivation dimensions of epistemic curiosity. *Personality and Individual Differences*, *44*, 1585–1595.
- Litman, J.A. & Pezzo, M.V. (2007). Dimensionality of interpersonal curiosity. *Personality and Individual Differences*, *43*, 1448–1459.
- Litman, J.A. (2006). The COPE inventory: Dimensionality and relationships with approach- and avoidance-motives and positive and negative traits. *Personality and Individual Differences*, *41*, 273-284.
- Litman, J.A. & Silvia, P. J. (2006). The latent structure of trait curiosity: Evidence for interest and deprivation curiosity dimensions. *Journal of Personality Assessment*, *86*, 318-328.
- Pezzo, M.V., Litman, J.A., & Pezzo, S. P. (2006). On the distinction between yuppies and hippies: Individual differences in prediction biases for planning future tasks. *Personality and Individual Differences*, *41*, 1359-1371.

### **Journal Articles (continued)**

- Litman, J.A. (2005). Curiosity and the pleasures of learning: Wanting and liking new information. *Cognition and Emotion, 19*, 793-814.
- Litman, J.A., Collins, R.P., & Spielberger, C.D. (2005). The measurement of sensory curiosity. *Personality and Individual Differences, 39*, 1123-1133.
- Litman, J.A., Hutchins, T.L., & Russon, R.K. (2005). Epistemic curiosity, feeling-of-knowing, and exploratory behaviour. *Cognition and Emotion, 19*, 559-582.
- Litman, J.A. & Pezzo, M.V. (2005). Individual differences in attitudes towards gossip. *Personality and Individual Differences, 38*, 963-180.
- Collins, R.P., Litman, J.A., & Spielberger, C.D. (2004). The measurement of perceptual curiosity. *Personality and Individual Differences, 36*, 1127-1141.
- Litman, J.A., & Jimerson, T.L. (2004). The measurement of curiosity as a feeling-of-deprivation. *Journal of Personality Assessment, 82*, 147-157.
- Litman, J.A., & Spielberger, C.D. (2003). Measuring epistemic curiosity and its diversive and specific components. *Journal of Personality Assessment, 80*, 75-86.

### **Abstracts, Invited Journal Articles and Book Chapters**

- Litman, J. A. (2017). Message Recipient Psychological Characteristics: Incurious and curious motives to learn about Health Risks. In: R. Parrot (Ed.) *Encyclopedia of Health and Risk Message Design and Processing*. New York: Oxford University Press.
- Litman, J. A & Mussel, P. (2014). Cross cultural validity of the I/D epistemic curiosity model: Findings from three German samples [Abstract]. *Personality and Individual Differences, 60* S8. DOI: 10.1016/j.paid.2013.07.172
- Piotrowski, J.T., Litman, J.A., & Valkenburg, P. (2014). The measurement of epistemic curiosity in young children [Abstract]. *Personality and Individual Differences, 60*, S8. DOI: 10.1016/j.paid.2013.07.173.
- Litman, J. A. (2012). Epistemic curiosity. In: S. Norbert (Ed.) *Encyclopedia of the Sciences of Learning* (pp. 1162-1165). New York: Springer-Verlag.
- Litman, J. A. & Pezzo, M. V. (2012). Interpersonal curiosity. In: S. Norbert (Ed.) *Encyclopedia of the Sciences of Learning* (pp. 1634-1635). New York: Springer-Verlag.
- Pezzo, M.V. Litman, J. A., & Wilder, O. (2012). Planning. In: V.S. Ramachandran (Ed.) *The Encyclopedia of Human Behavior, vol. 3*, (pp. 119-125). Oxford: Academic Press.
- Hoffman, R., Henderson, S., Moon, B., Moore, D.T., & Litman, J.A. (2011). Reflections on reflective thinking: Reasoning difficulty in analytical activity. *Theoretical Issues in Ergonomics Science, 12*, 225-240.

### **Abstracts, Invited Journal Articles and Book Chapters (continued)**

Litman, J.A. (2009). Curiosity and metacognition. In: C. B. Larson (Ed.) *Metacognition: New Research Developments*, pp. 105-116. Hauppauge, NY: Nova Science Publishers, Inc.

Litman, J.A. (2007). Curiosity as a feeling of interest and feeling of deprivation: The I/D model of curiosity. In: P. R. Zelick (Ed.) *Issues in the Psychology of Motivation*, pp. 149-156. Hauppauge, NY: Nova Science Publishers, Inc.

### **Manuscripts Submitted or in Preparation**

Day, E. Greene, H.H. Dauphin, B., Litman., J.A., Juvel, M., Boyle, M.A., Munday, C. (2017) Eye movement window on visual exploration: Individual differences in perceptual curiosity. Manuscript submitted for publication, University of Detroit Mercy, Detroit, IL.

Litman, J.A. & Pezzo, M.V. (2017). Short communication: Interpersonal curiosity and information-seeking behavior. Manuscript in preparation, Institute of Human and Machine Cognition Ocala, FL and University of South Florida, St. Petersburg, FL.

Litman, J. A., Lauriola, M., & Desantis, R (2017). Epistemic curiosity and ambiguity tolerance. Manuscript in preparation. Institute of Human and Machine Cognition, Ocala, FL and University of Rome, Sapienza.

Litman, J.A. (2017). Curiosity: The current state of the science. Manuscript in preparation, Institute of Human and Machine Cognition, Ocala, FL.

Litman, J. A., Cosentino, A. C., & Solano, A. C. (2017). Epistemic curiosity: A study of three Spanish speaking cultures. Manuscript in preparation. Institute of Human and Machine Cognition, Ocala, FL.

Litman, J. A., Solano, A. C., Cosentino, A. C., Mussel, P., Lauriola, M., & Huang, D. (2017). I- and D-type epistemic curiosity, cognitive processes and affective experiences across five languages and cultures. Manuscript in preparation. Institute of Human and Machine Cognition Ocala, FL.

Litman, J. A. & Zettler, I. (2017). Development and validation of measures for assessing I- and D-type epistemic curiosity in adolescents. Manuscript in preparation. Institute of Human and Machine Cognition, Ocala, FL.

### **Research in Progress**

Delsupexhe, A. & Litman, J. A. Relationships between I- and D-type epistemic curiosity, awe and insight.

Hays, C., Litman, J. A., & Hafenstein, N. Epistemic curiosity and academic goal setting and achievement in children and adolescents.

Huang, D. & Litman, J. A. Development and validation of Chinese epistemic curiosity scales.

Litman, J. A & Hoffman, R.R. Systemological curiosity: The engine that drives systems philosophy, development, and paradigm shifts.

### **Research in Progress (continued)**

- Litman, J. A., Arnold, M., & Pezzo, M. V. I- and D-type epistemic curiosity, metacognition, information-seeking and problem-solving.
- Litman, J. A., & Crowson, H. M. Development of a multi-dimensional epistemic curiosity inventory.
- Litman, J. A. & Delsupexhe, A. Validation of a French translation of the I- and D-type epistemic curiosity scales.
- Litman, J. A., Kapoor, H. Validation of a Hindi translation of the I- and D-type epistemic curiosity scales.
- Litman, J. A., Robinson, O., & Demetre, J. Intrapersonal curiosity and mental health.
- Litman, J. A. & Pezzo, M. V. The nature and assessment of morbid and lurid curiosity.
- Litman, J. A. & Piotrowski, J. Longitudinal study of the development of epistemic curiosity in children.
- Litman, J. A. & Shani, Y. Validation of I- and D-type epistemic curiosity scales in Hebrew and Arabic.
- Sullivan, M. & Litman, J. A. Infant expressions of I- and D-type epistemic curiosity within the first two months of life.

### **Professional Presentations, Invited Lectures and Symposia**

- Litman, J. A. (2017, July). *Individual differences in epistemic curiosity and self-regulation: At the intersection of cognition, emotion, and motivation*. In M. Gocłowska (Chair), *Passion for Knowledge: Emotional processes in the face of epistemic challenge*. Symposium conducted at the general meeting of the European Association of Social Psychology, Granada, Spain.
- Litman, J. A. (2016, May). *Epistemic Curiosity: Its role in the self-direction and self-regulation of learning and problem solving*. Invited lecture conducted at the University of Pennsylvania Imagination Institute Positive Psychology Center Colloquia Series, Philadelphia, PA.
- Robinson, O.C., Demetre, J., Litman, J.A., (2016, April). *Curiosity, adult life stage and crisis*. In M. Murray (Chair), *Ageing in place: Independence and communities*. Symposium conducted at the meeting of The British Psychological Society, Nottingham, UK.
- Litman, J.A. (2016, April). *Epistemic curiosity: Its role in self-directed learning, self-regulation creativity and problem solving*. Invited lecture conducted at the Learning & the Brain conference on the Science of Imagination, Orlando, FL.
- Robinson, O.C., Demetre, J., Litman, J.A., & Stock, J. (2015, July). *The changing pleasures of the new: Trait and state curiosity across the lifespan, preliminary findings*. Invited lecture conducted at the University of Greenwich, London, UK.
- Litman, J. A. (2015, July). *Interpersonal curiosity (IPC) and event related potentials (ERP): Evidence that desire to reduce uncertainty underlies IPC in the brain*. In L. Kaltwasser & A. Hildebrandt (Chairs), *Typical and maximal interpersonal behavior and event related brain potentials and their correlates*. Symposium conducted at the meeting of the International Society for the Scientific Study of Individual Differences, London, Canada.

### **Professional Presentations, Invited Lectures and Symposia (continued)**

- Litman, J. A. (2014, July). *The I/D epistemic curiosity distinction, intellectual development and learning over the lifespan*. In A. Scheuer (Chair), *Openness to experience as a protective factor for cognitive ageing*. Symposium conducted at the meeting of the European Conference on Personality, Lausanne, Switzerland.
- Litman, J. A. (2013, November). *Curiosity and the pleasures of learning: The I/D epistemic curiosity model and its implications for positive psychology*. Invited lecture conducted at the meeting of the International Positive Psychology Association, Buenos Aires, Argentina.
- Litman, J. A. (2013, October). *Epistemic curiosity and its role in knowledge seeking and problem solving*. Invited lecture conducted at the Institute for Human and Machine Cognition, Ocala, FL
- Litman, J. A. & Mussel, P. (2013, July). *Cross cultural validity of the I/D epistemic curiosity model: Findings from three German samples*. In A. Strobel (Chair), *Epistemic curiosity and need for cognition: Assessment and correlates*. Symposium conducted at the meeting of the International Society for the Study of Individual Differences, Barcelona, Spain.
- Piotrowski, J.T., Litman, J.A., & Valkenburg, P. (2013, July). *The measurement of epistemic curiosity in young children*. In A. Strobel (Chair), *Epistemic curiosity and need for cognition: Assessment and correlates*. Symposium conducted at the meeting of the International Society for the Study of Individual Differences, Barcelona, Spain.
- Litman, J. A. (2012, July) *Curiosity types and learning goals in academic and workplace settings*. In S. Von Strum (Chair), *Cognitive investment and engagement: Mechanisms, development, and life outcomes*. Symposium conducted at the meeting of the European Conference on Personality, Trieste, Italy
- Pezzo, M.V., Litman, J.A., & Pezzo, S.P. (2006, January.) *Yuppies and hippies: Individual differences in the planning fallacy*. Abstract and poster presented at the meeting of the Society for Personality and Social Psychology, Palm Springs, CA
- Pezzo, M.V., McDougal, S., & Litman, J.A. (2004, January). *The psychology of taking offense: A sense-making model*. Abstract and poster presented at meeting of the Society for Personality and Social Psychology, Austin, TX.
- Musante, L. & Litman, J. A. (2003, March). *Effects of relationship characteristics on perceptions of oral-genital contact*. Abstract and poster presented at the meeting of South Eastern Psychological Association, New Orleans, LA.

### **Theses**

- Litman, J. A. (2000). Construct and predictive validity of measures of epistemic and perceptual curiosity. Unpublished doctoral dissertation, University of South Florida, Tampa.
- Litman, J. A. (1999). Curiosity and information seeking. Unpublished major area paper, University of South Florida, Tampa.
- Litman, J. A. (1998) Theory and assessment of epistemic curiosity: Development of an experimental epistemic curiosity scale. Unpublished master's thesis, University of South Florida, Tampa.

### **Media Interviews**

- Price, L. (2016, September, 7). Curiosity is the key to happiness. *Over Sixty*. Retrieved on December 5 from <http://www.oversixty.co.nz/health/mind/2016/09/curiosity-is-the-key-to-happiness/>
- Hook, J. (2016, July 21). How to Be More Curious: Ask the Experts. *Joshua Hook: Your Life to the Full*. Retrieved December 5, 2016, from <http://www.joshuanhook.com/curious-ask-experts/>
- British Psychological Society. (2016, April 27). Increased curiosity is the 'silver lining' of a quarter life and midlife crisis. *Medical News Today* Retrieved April 29, 2016 from <http://www.medicalnewstoday.com/releases/309633.php>
- Shonstrom, E. (2016, Feb 9). Sensory curiosity: the key to a child's exploration of the natural world. *Children and Nature Network*. Retrieved December 5, 2016, from <http://www.childrenandnature.org/2016/02/09/sensory-curiosity-the-key-to-a-childs-exploration-of-the-natural-world/>
- Rodriguez, T. (2016, February 2). Research says the key to happiness is a healthy sense of curiosity. *Woman's Day*. Retrieved March 24, 2016, from <http://www.womansday.com/health-fitness/wellness/a53601/curiosity-is-the-key-to-health-and-happiness/>
- Pappas, S. (2011, December 30). The new year's resolution we should be making. *Livescience.com*. Retrieved January 3, 2012, from <http://www.livescience.com/17688-years-hidden-weaknesses.html>
- Abate, J.C. (2010, December 18). Conozca el lado oscuro de la curiosidad (Meet the dark side of curiosity). *La Tercera*, 620, 17-22
- Pappas, S. (2010, December 12). Curiosity's evil twin can drive you insane. *Livescience.com*. Retrieved August 16, 2011, from <http://www.livescience.com/10866-curiosity-evil-twin-drive-insane.html>
- Subramanian, S. (2010, July/August). Field guide to the snoop: Peek hours. What makes a neighbor nosy? *Psychology Today*, 43, 32-33.
- Vidican, S. (2010, December 13). Why so curious? *Metrolic.com*. Retrieved March 18, 2013, from <http://www.metrolic.com/why-so-curious-152147/>

### **Media Interviews (continued)**

- Vieru, T. (2010, December 13). Curiosity Has a 'Dark' Twin. *Softpedia.com*. Retrieved December 21, 2013 from <http://news.softpedia.com/news/Curiosity-Has-a-Dark-Twin-172154.shtml>

### **Grant Proposals and Funding Awarded**

- Center for Curiosity, 2017 Grant: *Improving Curiosity Assessment and Cultivating Curiosity in learners* (\$130,875, awarded)
- Center for Curriculum Redesign, 2017 Grant: *Improving Curiosity Evaluation & Measurement* (\$25,000, awarded)
- Reimagine Education, 2016 Cultivating Curiosity, Gold Award: *Measuring and Enhancing Epistemic Curiosity: Facilitating Self-directed Knowledge Seeking and Problem Solving in the Classroom or Workplace*. (\$7,000, awarded)
- Macmillan Science and Education, 2016 Research Grant: *The changing pleasures of the new: Trait and state curiosity across the lifespan*. Co-PI with O. C. Robinson & J. Demetre (\$10,143, awarded)

### **Grant Proposals and Funding Awarded (continued)**

University of Pennsylvania, 2016 Imagination Institute Honorarium (\$670, awarded).  
Learning and the Brain, 2016 Conference Honorarium (\$500, awarded)  
Saint Leo University, 2013-2015 Professional Development Funding Grants (\$4,200, awarded)  
University of Palermo, 2013 Positive Psychology Grant (\$3,500, awarded)  
University of South Florida, 2012 Faculty International Travel Grant (\$2,446, awarded)  
Martin Seligman Research Alliance, 2003 Positive Psychology Microgrant (\$2,000, awarded)  
National Science Foundation: *The role of epistemic curiosity in reasoning about indeterminate causality*, Co-PI with R. R. Hoffman (\$367,003, in development)  
Army Research Institute (ARI) for the Behavioral and Social Sciences: *Concept map-based learning courses and courseware for the U.S. Army Training and Doctrine Command (TRADOC)*,  
Research consultant (\$26,100, in revision)

### **Scientific Peer Review**

Editorial Board, *Revista Psicodebate: Psicología, Cultura y Sociedad (Psychology, Culture & Society)*  
Reviewer of abstracts for symposia, Division 5 of the APA, 2005-2008  
*Academic Medicine*  
*Cognition and Emotion*  
*Discourse Processes*  
*European Journal of Personality*  
*Evolution and Human Behavior*  
*International Journal of Bilingual Education and Bilingualism*  
*Journal of Affective Disorders*  
*Journal of Behavior Therapy and Experimental Psychiatry*  
*Journal of Experimental Psychology: General*  
*Journal of Experimental Social Psychology*  
*Journal of Health Psychology*  
*Journal of Personality Assessment*  
*Learning and Instruction*  
*Motivation and Emotion*  
*Personal Relationships*  
*Personality and Individual Differences*  
*Personality and Social Psychology Review*  
*Social and Personality Psychology Compass*  
*Social Psychological and Personality Science*

### **Courses Taught**

Cognitive Psychology  
Health Psychology/Stress Management  
Introductory Psychology  
Lifespan Development/Developmental Psychology  
Motivation/ Sport Psychology  
Personality  
Philosophy of Science  
Psychological Tests and Measures  
Psychology of Curiosity (special topics seminar)  
Research Methods  
Sensation and Perception  
Social Psychology



### **Departmental Service & Professional Memberships**

Coordinator & Acting Chair, Undergraduate Psychology Program Committee, USF (2000-2002)

Member, Executive Committee for the University of South Florida, Tampa, FL (2000-2002)

British Personality Society

Society for Personality Assessment

Society for Personality and Social Psychology

Evaluation, Measurement, and Statistics

Society for the Psychology of Aesthetics, Creativity and the Arts

### **Professional References**

Robert Hoffman, Ph.D., Senior Research Scientist

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